HUSEYIN MERT ULAS

Frontend Developer

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SUMMARY

Frontend engineer with 4+ years of experience building high-performance, scalable web applications using React, Next.js, TypeScript, and modern CSS. Skilled in designing maintainable frontend architectures, optimizing performance, and collaborating effectively in cross-functional teams. Also experienced with Vue.js, Python, Express.js, and MongoDB, enabling quick adaptation to diverse tech stacks and contributing to full stack development when needed.

SKILLS

Frontend:
- React, Next.js, Vue.js, TypeScript, JavaScript (ES6+), CSS3, HTML5.
- State management (Redux, Context API, Vuex), Component-driven development.
- UI Libraries: Ant Design, Tailwind CSS, Material-UI.

Backend/Databases:
- Node.js, Express.js, Python (FastAPI).
- MongoDB, REST API design.

Testing/Tooling:
- Jest, React Testing Library.
- Docker, Git, CI/CD.

EXPERIENCES

Kartaca – Frontend Developer - Istanbul / Turkey
05/2024 – Present

Took ownership of the **Hopi e-commerce** web codebase, a platform serving millions of users across Turkey, ensuring high standards of code quality, maintainability, and scalability.

- Refactored the frontend architecture to a **server-side rendering (SSR)** model, reducing **page load times by up to 40%** and boosting **SEO** by double-digit percentages, resulting in higher user acquisition and retention.
- Developed a **Chrome extension** that detects when users visit partner brand websites and displays relevant Hopi campaigns, leading to a measurable increase in campaign impressions and user engagement.
- Raised **unit test** coverage from **0% to 83%** using **Jest**, which reduced production bugs and regressions by an estimated **30%+**, significantly strengthening the reliability and maintainability of the platform.

React JS / Next JS / TypeScript

Huawei Technologies R&D - Software Engineer - Istanbul / Turkey
05/2021 – 05/2024

- Acted as the primary **Vue.js** developer for a **CRM-style monitoring tool** built for company headquarter, and developed a companion **Chrome Extension** to enhance usability and improve workflows.
- Led a complete **UI/UX refactor** in collaboration with designers, significantly improving usability and visual consistency across the CRM application.
- Designed and maintained scalable frontend architectures for multiple **React.js** and **Next.js** dashboard projects, enabling efficient feature development and long-term maintainability.
- Built **FastAPI-based** mock services to accelerate frontend development and streamline testing workflows.
- Developed **backend endpoints** with **Django** to support project requirements, collaborating with backend teams and ensuring smooth integration.
- Delivered **tech talks** and **training sessions** on CSS, Vue.js, React.js, and Next.js, fostering team-wide knowledge sharing.
- Authored **documentation** and created **reusable shared components**, improving development efficiency and maintainability across projects.
- Conducted **technical interviews** for frontend developer candidates, contributing to the hiring of skilled engineers and strengthening the team.

Vue JS / React JS / Next JS / JavaScript / CSS / Python

PROJECTS

Deep Learning	**learned**	GitHub Link – PIP Link

Published a **Python library** bundling configurable deep learning + classical ML models, preprocessing utilities, and evaluation metrics. Packaged for PyPI; emphasized clean APIs and reproducible experiments.

Web Application	**Admin Panel (Full Stack)**	Private Repo

Developed full stack features including authentication, **role-based access control**, and API integrations, gaining hands-on backend experience with **Express.js and MongoDB**. (Private repository, details available upon request)

Game Engine	**Pseudo 3D Render Engine for JavaScript**	GitHub Link

Implemented a classic DDA raycasting renderer (old-school "2.5D" look) from scratch with optimized rendering and input handling. Showcases low-level graphics, math, and performance-oriented frontend engineering

EDUCATION

09/2015 - 12/2020	**Kocaeli University**	Bachelor Degree

Electronics and Communication Engineering - GPA 3/4

AWARDS

- **Huawei Sparkling Award** (3x) Recognized multiple times for exceptional performance and contribution to project success.

- **Huawei Future Star Medal** Honored for high potential and outstanding impact within the R&D team.